

# AIR Team

## Air Quality Assessments

A Research Effort of the United States Air Force Research Laboratory, AFRL/MLQ  
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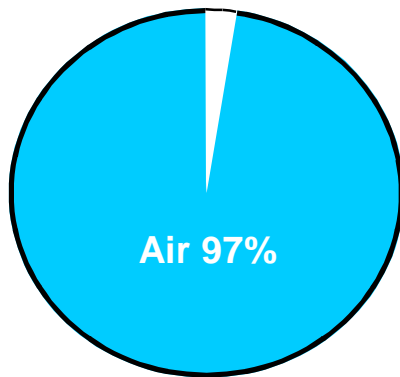
### THE CHALLENGE

**97% of all DoD pollution** is released into the air.

- ... **Exhausts**
- ... **Fuels**
- ... **Painting**
- ... **Depainting**

These are critical elements of operations.  
-- Elements essential to readiness and force projection.

**DoD Releases by Media, 1994**



These emissions have both local health and long-term air quality implications. The EPA will soon tighten regulations, impacting DoD operations. The culprits are volatile organic compounds (VOCs) used in coatings, fuels, and other products. Once released into the atmosphere, their transformations lead to the formation of regulated pollutants - ozone and particulates.

### THE RESULTS

There is a balance between performance and compliance. Assessments of chemicals' air quality impacts protect this balance from unnecessary regulatory constraints. These assessments help industrial suppliers and DoD users understand the problems, establish criteria for solutions, and determine the best strategy to implement them.

### THE SOLUTION

Our Air Team has the capability to:

- ... **Discover** which chemicals cause the worst pollution
- ... **Determine** which processes release the most pollution
- ... **Evaluate** alternatives for reduction of key pollutants
- ... **Disseminate** information so that informed decisions can be made by DoD installations and commands, and industrial suppliers of chemicals and systems.

### YOUR NEEDS



Our Air Team can help fulfill your needs:

- ... **Assess** air pollution at your base or facility
- ... **Ascertain** the sources of pollution
- ... **Determine** your options for solutions

**Know and support** the people and programs at the Air Force Research Laboratory that can do the work you need done.

### POINTS OF CONTACT

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